IN THE CLAIMS:

Please cancel Claim 11 without prejudice or disclaimer of subject matter, and amend the claims as shown below. The claims, as currently pending in the application, read as follows:

1. (Currently Amended) An electric charging apparatus for holding and charging a secondary battery, the electric charging apparatus being attachable~~/removable~~ to~~/from~~ an electronic apparatus ~~main body which~~ that can be driven with the secondary battery while the electric charging apparatus is attached to the electronic apparatus, said electric charging apparatus comprising:

a terminal configured to supply electric power from the secondary battery to the electronic apparatus while the electric charging apparatus is attached to the electronic apparatus;

reception means for receiving residual capacity information of the secondary battery, detected by the electronic apparatus ~~to which the secondary battery is attached~~ based on the electric power supplied via the terminal, from the electronic apparatus;

display means for displaying the residual capacity information of the secondary battery; and

display control means for causing said display means to display a battery residual capacity of the secondary battery based on the residual capacity information received by said reception means.

2. (Original) The charging apparatus according to claim 1, wherein said display control means displays a display pattern in correspondence with the residual capacity information.

3. (Original) The charging apparatus according to claim 1, further comprising:

electric power input means for inputting a driving voltage based on a commercial power source; and

power source relay means for relay-outputting the driving voltage inputted by said electric power input means, in addition to an output voltage from the secondary battery, to the electronic apparatus.

4. (Currently Amended) The charging apparatus according to claim 3, wherein said power source relay means selects the higher [[one]] of the output voltage from the secondary battery and the driving voltage from said electric power input means, and supplies the selected voltage.

5. (Currently Amended) An electronic apparatus, to which an electric charging unit for holding and charging a secondary battery is attachable~~/removable to/from~~, and ~~which~~ that can be driven with electric power from the secondary battery ~~that~~ while the electric charging unit is attached to said electronic apparatus, comprising:

reception means for receiving electric power supplied from the secondary battery while the electric charging unit is attached to the electronic apparatus;

residual capacity detection means for detecting a residual capacity of the secondary battery based on the electric power received by said reception means, in a state where the secondary battery is under an approximately constant load~~, when the electric charging unit is attached to said electronic apparatus~~; and

residual capacity transmission means for transmitting residual capacity information detected by said residual capacity detection means to the electric charging unit.

6. (Original) The electronic apparatus according to claim 5, wherein said residual capacity detection means detects the residual capacity based on an output voltage from the secondary battery.

7. (Original) The electronic apparatus according to claim 5, wherein said electronic apparatus is an image printing apparatus which performs image printing by driving a print head.

8. (Original) The electronic apparatus according to claim 7, wherein said image printing apparatus is an ink jet printing apparatus which forms an image on a printing medium by discharging ink from the print head.

9. (Currently Amended) A battery residual capacity display control method in an electric charging apparatus for holding and charging a secondary battery, the electric charging apparatus being attachable~~/removable~~ to~~/from~~ an electronic apparatus

~~main body which~~ that can be driven with the secondary battery while the electric charging apparatus is attached to the electronic apparatus, said method comprising:

a step of supplying electric power from the secondary battery to the electronic apparatus while the electric charging apparatus is attached to the electronic apparatus;

a reception step of receiving residual capacity information of the secondary battery, detected by said electronic apparatus ~~to which the secondary battery is attached~~ based on the supplied electric power, from ~~said~~ the electronic apparatus; and

~~a display step of displaying the residual capacity information of the secondary battery; and~~

a display control step of causing ~~said~~ a display ~~means~~ unit to display a battery residual capacity of the secondary battery based on the residual capacity information received in said reception step.

10. (Currently Amended) A battery residual capacity detection method in an electronic apparatus, to which an electric charging unit for holding and charging a secondary battery is attachable~~/removable to/from~~, and ~~which~~ that can be driven with electric power from the secondary battery ~~that~~ while the electric charging unit is attached to said electronic apparatus, said method comprising:

a reception step of receiving electric power supplied from the secondary battery while the electric charging unit is attached to the electronic apparatus;

a residual capacity detection step of detecting a residual capacity of the secondary battery based on the electric power received in said reception step, in a state

where the secondary battery is under an approximately constant load~~, when the electric charging unit is attached to the electronic apparatus~~; and

a residual capacity transmission step of transmitting residual capacity information detected in said residual capacity detection step to the electric charging unit.

11. (Cancelled).

12. (Currently Amended) An electric charging apparatus for holding and charging a secondary battery, the electric charging apparatus being ~~which is~~ attachable~~/removable~~ to~~/from~~ an electronic apparatus ~~main body which~~ that can be driven with the secondary battery while the electric charging apparatus is attached to the electronic apparatus, said electric charging apparatus comprising:

a terminal configured to supply an electric power from the secondary battery to the electronic apparatus while the electric charging apparatus is attached to the electronic apparatus;

a communication unit configured to perform communication with the electronic apparatus;

a display unit configured to display the residual capacity information of the secondary battery;

a display control unit configured to, when residual capacity information of the secondary battery, detected by the electronic apparatus ~~to which the secondary battery is attached~~ based on the electric power supplied via the terminal, is received via the

communication unit, display a battery residual capacity on the display unit based on the residual capacity information; and

a control unit configured to control electric charging of the secondary battery in accordance with the residual capacity information.